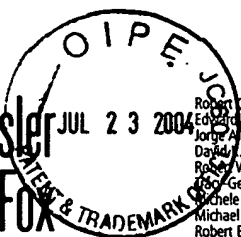


1632-IFW



**Sterne Kessler  
Goldstein Fox**  
ATTORNEYS AT LAW



Robert Greene Sterne  
Edward J. Kessler  
Jorge A. Goldstein  
David K.S. Commwell  
Robert W. Esmond  
Robert Gene G. Durkin  
Michelle A. Cimballa  
Michael B. Ray  
Robert E. Sokohl  
Eric K. Steffe  
Michael Q. Lee  
Steven R. Ludwig  
John M. Covert  
Linda E. Alcorn  
Robert C. Millonig  
Lawrence B. Bugaisky  
Donald J. Featherstone  
Michael V. Messinger

Judith U. Kim  
Timothy J. Shea, Jr.  
Patrick E. Garrett  
Jeffrey T. Helvey  
Heidi L. Kraus  
Albert L. Ferro\*  
Donald R. Banowitz  
Peter A. Jackman  
Teresa U. Medler  
Jeffrey S. Weaver  
Kendrick P. Patterson  
Vincent L. Capuano  
Eldora Ellison Floyd  
Thomas C. Fiala  
Brian J. Del Buono  
Virgil Lee Beaston  
Theodore A. Wood  
Elizabeth J. Haanes

Joseph S. Ostroff  
Frank R. Cottingham  
Christine M. Lhulier  
Rae Lynn Pengaman  
George S. Bardmesser  
Daniel A. Klein\*  
Jason D. Eisenberg  
Michael D. Specht  
Andrea J. Kamage  
Tracy L. Muller\*  
LuAnne M. DeSantis  
Ann E. Summerfield  
Tiera S. Coston  
Aric W. Ledford\*  
Helene C. Carlson  
Timothy A. Doyle\*  
Jessica L. Parezo  
Gaby L. Longworth\*

Lori A. Gordon\*  
Nicole D. Dretar\*  
Ted J. Ebersole  
Jyoti C. Iyer\*  
Laura A. Vogel

**Registered Patent Agents\***  
Karen R. Markowicz  
Nancy J. Leith  
Matthew J. Dowd  
Aaron L. Schwartz  
Katrina Yujian Pei Quach  
Bryan L. Skelton  
Robert A. Schwartzman  
Teresa A. Colella  
Jeffrey S. Lundgren  
Victoria S. Rutherford  
Michelle K. Holoubek

Robert H. DeSelms  
Simon J. Elliott  
Julie A. Heider  
Mita Mukherjee  
Scott M. Woodhouse  
Michael G. Penn  
Christopher J. Walsh

**Of Counsel**  
Kenneth C. Bass III  
Evan R. Smith  
Marvin C. Guthrie

\*Admitted only in Maryland  
\*Admitted only in Virginia  
\*Practice Limited to  
Federal Agencies

July 23, 2004

**WRITER'S DIRECT NUMBER:**

(202) 772-8615

**INTERNET ADDRESS:**

FRANKC@SKGF.COM

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**Art Unit 1632**

Re: U.S. Utility Patent Application  
Application No. 10/052,817; Filed: January 23, 2002  
For: **Alpha-2-Macroglobulin Therapies and Drug Screening Methods for  
Alzheimer's Disease**  
Inventors: Tanzi *et al.*  
Our Ref: 0609.4460005/TJS/FRC

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Second Supplemental Information Disclosure Statement;
2. Listing of the cited documents on Form PTO-1449 (1 sheet);
3. A copy of each of the two (2) cited documents on Form PTO-1449; and
4. Return postcard.

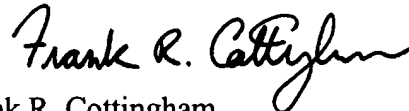
It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents  
July 23, 2004  
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Frank R. Cottingham  
Attorney for Applicants  
Registration No. 50,437

FRC/pcd  
Encls.

290929v1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Tanzi *et al.*

Appl. No. 10/052,817

Filed: January 23, 2002

For: **Alpha-2-Macroglobulin  
Therapies and Drug Screening  
Methods for Alzheimer's Disease**

Confirmation No. 4182

Art Unit: 1632

Examiner: Voitach, J.

Atty. Docket: 0609.4460005/TJS/FRC

**Second Supplemental Information Disclosure Statement**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. A copy of each document is provided.

The numbering on this Second Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' First Supplemental Information Disclosure Statement filed August 13, 2002, in connection with the above-captioned application.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached Form PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

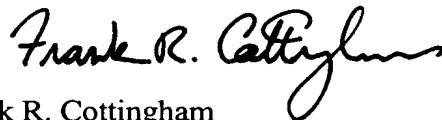
This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed Form PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

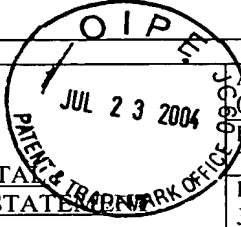
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Frank R. Cottingham  
Attorney for Applicants  
Registration No. 50,437

Date: July 23, 2004

1100 New York Avenue, N.W.  
Washington, D.C. 20005-3934  
(202) 371-2600

|   |     |  |   |   |                 |                               |             |
|---|-----|--|---|---|-----------------|-------------------------------|-------------|
| FORM PTO-1449   |     |  |   | ATTY. DOCKET NO.<br>0609.4460005/TJS/FRC    |                 | APPLICATION NO.<br>10/052,817 |             |
| SECOND SUPPLEMENTAL<br>INFORMATION DISCLOSURE STATEMENT   |     |  |   | FIRST NAMED INVENTOR<br>Tanzi <i>et al.</i> |                 |                               |             |
|   |     |  |   | FILING DATE<br>January 23, 2002             |                 | ART UNIT<br>1632              |             |
| <b>U.S. PATENT DOCUMENTS</b>  |     |  |   |   |                 |                               |             |
| EXAMINER<br>INITIAL   |     | DOCUMENT NUMBER  | DATE  | NAME  | CLASS           | SUB-CLASS                     | FILING DATE |
|   | AA  |  |   |   |                 |                               |             |
|   | AB  |  |   |   |                 |                               |             |
|   | AC  |  |   |   |                 |                               |             |
|   | AD  |  |   |   |                 |                               |             |
|   | AE  |  |   |   |                 |                               |             |
|   | AF  |  |   |   |                 |                               |             |
|   | AGI | 5,508,167  | 04/16/1996  | Roses <i>et al.</i>                         |                 |                               | 04/13/1994  |
|   | AH  |  |   |   |                 |                               |             |
|   | AI  |  |   |   |                 |                               |             |
|   | AJ  |  |   |   |                 |                               |             |
|   | AK  |  |   |   |                 |                               |             |
| <b>FOREIGN PATENT DOCUMENTS</b>   |     |  |   |   |                 |                               |             |
| EXAMINER<br>INITIAL   |     | DOCUMENT NUMBER  | DATE  | COUNTRY                                     | CLASS           | SUB-CLASS                     | TRANSLATION |
|   | AL  |  |   |   |                 |                               | Yes         |
|   |     |  |   |   |                 |                               | No          |
|   | AM  |  |   |   |                 |                               | Yes         |
|   |     |  |   |   |                 |                               | No          |
|   | AN  |  |   |   |                 |                               | Yes         |
|   |     |  |   |   |                 |                               | No          |
|   | AO  |  |   |   |                 |                               | Yes         |
|   |     |  |   |   |                 |                               | No          |
|   | AP  |  |   |   |                 |                               | Yes         |
|   |     |  |   |   |                 |                               | No          |
| <b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>   |     |  |   |   |                 |                               |             |
|   | AR  |  |   |   |                 |                               |             |
|   | AS  | 31   | Birkenmeier, G., and Stigbrand, T., "Production of conformation-specific monoclonal antibodies against $\alpha_2$ macroglobulin and their use for quantitation of total and transformed $\alpha_2$ macroglobulin in human blood," <i>J. Immunol. Meth.</i> 162:59-67, Elsevier Science (1993) |   |                 |                               |             |
|   | AT  |  |   |   |                 |                               |             |
| EXAMINER  |     |  |   |   | DATE CONSIDERED |                               |             |
| <b>EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. |     |  |   |   |                 |                               |             |